

WHAT IS CLAIMED IS:

1. An orientation-adjusting device for adjusting an orientation of a wireless communication device, said wireless communication device being mounted in a main frame via an interface device, and said orientation-adjusting device comprising:

a first housing for accommodating therein said wireless communication device;

a second housing pivotally connected to said first housing to allow said first housing to rotate in a first direction relative thereto; and

a third housing for accommodating therein said interface device, pivotally connected to said second housing to allow said second housing to rotate in a second direction relative thereto.

2. The orientation-adjusting device according to claim 1 wherein said second housing includes a passage for penetrating therethrough a signal cable connecting said wireless communication device and said interface device.

3. The orientation-adjusting device according to claim 2 wherein said first housing includes a first cylindrical portion for sleeving therearound said second housing, and serving as a first shaft for rotating said first housing therewith in said first direction.

4. The orientation-adjusting device according to claim 3 wherein said second housing includes a first engaging part, said third housing includes a second engaging part, and said first and second engaging parts pivotally connected to each other to serve as a second shaft for rotating said second housing therewith in said second direction, and form a second hollow cylindrical portion for penetrating therethrough said signal cable.

5. The orientation-adjusting device according to claim 1 wherein said second housing includes a hollow disk body secured to said first engaging part for sleeving around said first cylindrical portion.
6. The orientation-adjusting device according to claim 4 wherein said second hollow cylindrical portion serves as a rotation-angle confiner of said first housing in said first direction.
7. The orientation-adjusting device according to claim 1 wherein said first direction is perpendicular to said second direction.
8. The orientation-adjusting device according to claim 1 wherein said wireless communication device is a wireless transceiver.
9. The orientation-adjusting device according to claim 1 wherein said main frame is a personal computer.
10. The orientation-adjusting device according to claim 1 wherein said interface device is a Universal Serial Bus (USB) adapter.
11. An orientation-adjusting device for adjusting an orientation of a wireless communication device, said wireless communication device being mounted in a main frame via a signal cable and an interface device, and said orientation-adjusting device comprising:
 - a first housing for accommodating therein said wireless communication device, which includes a first shaft;
 - a second housing including a first portion penetrating therethrough said signal cable and sleeving around said first shaft, and a second portion being of a hollow cylindrical shape; and
 - a third housing including a third portion for accommodating therein said interface device, and a fourth portion being of a hollow cylindrical shape, engaging with said second portion of said second housing to form a hollow cylinder for penetrating therethrough said

signal cable, and serving as a second shaft;

wherein said first and second housings optionally perform a first relative rotating motion with said first shaft, and said second and third housings optionally perform a second relative rotating motion with said second shaft to adjust said orientation of said wireless communication device.

12. The orientation-adjusting device according to claim 11 wherein said first portion of said second housing being of a disk shape.

13. The orientation-adjusting device according to claim 11 wherein said first and second relative rotating motions are in different directions.

14. The orientation-adjusting device according to claim 11 wherein said wireless communication device is a wireless transceiver.

15. The orientation-adjusting device according to claim 11 wherein said main frame is a personal computer.

16. The orientation-adjusting device according to claim 11 wherein said interface device is a Universal Serial Bus (USB) adapter.

17. An orientation-adjustable transceiver assembly, comprising:

a transceiver mounted in a first housing;

a signal cable connected to said transceiver and penetrating through a second housing which pivots relative to said first housing to adjust the orientation of said transceiver in a first direction; and

an interface device connected to said signal cable and mounted in a third housing which pivots relative to said second housing to adjust the orientation of said transceiver in a second direction different from said first direction.

18. The orientation-adjustable transceiver assembly according to claim 17 wherein said first housing includes a first shaft for sleeving

therearound said second housing, and allowing said second housing to pivot thereabout in said first direction.

19. The orientation-adjustable transceiver assembly according to claim 17 wherein said second housing includes a first engaging part, said third housing includes a second engaging part, and said first and second engaging parts engage with each other to form a second shaft for allowing said third housing to pivot thereabout in said second direction.

20. The orientation-adjustable transceiver assembly according to claim 19 wherein said second shaft is hollow for penetrating therethrough said signal cable.

21. The orientation-adjustable transceiver assembly according to claim 17 wherein said interface device is a Universal Serial Bus (USB) adapter.